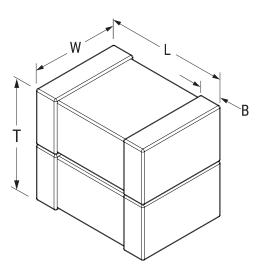




Aliases (C1812X663MFRLC7800) KONNEKT Comm X7R, Ceramic, 0.066 uF, 20%, 1,500 VDC, X7R



Click here for the 3D model.

| 4.5mm +/-0.4mm  |
|-----------------|
| 3.2mm +/-0.3mm  |
| 5.1mm +/-0.4mm  |
| 0.7mm +/-0.35mm |
|                 |

| Packaging Specifications |                          |
|--------------------------|--------------------------|
| Packaging                | T&R, 180mm, Plastic Tape |
| Packaging Quantity       | 200                      |

| General Information      |  |
|--------------------------|--|
| Series                   | KONNEKT Comm X7R                               |
| Style                    | KONNEKT  |
| Description              | SMD, MLCC, KONNEKT, Ultra-<br>Stable, Class II |
| Features                 | High Density Packaging                         |
| RoHS                     | Yes  |
| Termination              | Flexible Termination                           |
| AEC-Q200                 | No   |
| Typical Component Weight | 350 mg   |
| Chip Size                | 1812-2   |
| Shelf Life               | 78 Weeks                                       |
| MSL                      | 1  |

| Specifications   |                     |
|--|---------------------|
| Capacitance  | 0.066 uF            |
| Measurement Condition  | 120 Hz 0.5Vrms      |
| Tolerance  | 20%                 |
| Voltage DC   | 1500 VDC            |
| Dielectric Withstanding Voltage  | 1,800 VDC           |
| Temperature Range  | -55/+125°C          |
| Temp. Coefficient  | X7R                 |
| Capacitance Change with<br>Reference to +25°C and 0 VDC<br>Applied (TCC) | 15%, 120Hz 0.5Vrms  |
| Dissipation Factor   | 2.5% 120 Hz 0.5Vrms |
| Aging Rate   | 3% Loss/Decade Hour |
| Insulation Resistance  | 15.1515 GOhms       |

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